



Alan C. Lloyd, Ph.D.
Agency Secretary

California Regional Water Quality Control Board
North Coast Region
Beverly Wasson, Chairperson

<http://www.waterboards.ca.gov/northcoast>

5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone: 1 (877) 721-9203 (toll free) • Office: (707) 576-2220 • FAX: (707) 523-0135



Arnold
Schwarzenegger
Governor

July 13, 2005

Mr. Scott Waite
305 Butte Street
Yreka, CA 96097

Dear Mr. Waite:

Subject: Issuance of Clean Water Act Section 401 Certification (Water Quality Certification)
for the Shackleford Creek Bridge Replacement Project

File: Siskiyou County DPW, Shackleford Creek Bridge Replacement Project
WDID No. 1A05023WNSI

This Order by the California Regional Water Quality Control Board, North Coast Region (Regional Water Board), is being issued pursuant to Section 401 of the Clean Water Act (33 USC 1341), in response to your request, on behalf of the Siskiyou County Department of Public Works (applicant), for Water Quality Certification to implement a bridge replacement project. The Regional Water Board received your application and \$607.50 processing fee on March 7, 2005. On April 27, 2005, we deemed the application complete and posted a notice and information describing your project on our website for a 21-day public comment period. We did not receive any public comments regarding your project.

Project Description: The project involves replacement of the existing Quartz Valley Road Bridge over lower Shackleford Creek (Bridge # 2C-064). The existing single lane bridge is 100 feet long and 16 feet wide. The purpose of the project is to upgrade the existing bridge to improve traffic flow, safety, and other functional deficiencies. The wood deck, railings, and support members of the existing bridge will be removed by hand. The trusses will be detached from both abutments and a crane will lift the trusses outside the stream channel. The trusses will be taken offsite for disposal. The abutment on the east end of the bridge will not be removed. The abutment on the west end of the bridge will be removed to allow for construction of a new abutment.

Driven piles will be installed for the new west abutment. Footings for the east abutment will be excavated with an excavator located outside the live stream channel. A submersible pump will be used to dewater the footings and the water will be pumped into an irrigation ditch located east of the fish screen on the Ben Tozier

California Environmental Protection Agency

Recycled Paper

diversion. A new 30-inch culvert will also be installed under the east bridge approach in the area of an existing diversion culvert. Pile driving, footing construction, and wing wall construction will be conducted between June 15th and October 1st to minimize potential impacts to salmonids.

- Receiving Water: Shackleford Creek in the Scott Valley Hydrologic Subarea No. 105.42
- Filled or Excavated Area: Area Temporarily Impacted: 0.04 acre
Area Permanently Impacted: 0.01 acre of existing riparian vegetation
- Federal Permit: U.S. Army Corps of Engineers Nationwide Permit 14 (266290N)
- Total Linear Impacts: Length temporarily impacted: 200 feet
Length permanently impacted: 40 feet
- Compensatory Mitigation: Disturbed vegetation will be replanted with native vegetation at a ratio of 3-to-1.
- Noncompensatory Mitigation: Noncompensatory mitigation measures include the use of Best Management Practices to control sediment and turbidity. Only well maintained construction equipment will be used and equipment will not be operated in the stream channel. Heavy equipment will be placed on mats to minimize soil disturbance. Disturbance to vegetation will be minimized.
- CEQA Compliance: The Siskiyou County Planning Department, as the lead California Environmental Quality Act agency (CEQA), certified a Mitigated Negative Declaration for this project on March 5, 2002.
- Standard Conditions: Pursuant to Title 23, California Code of Regulations, Section 3860 (23 CCR 3860), the following three standard conditions shall apply to this project:
- 1) This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section 13330 of the California Water Code and 23 CCR 3867.
 - 2) This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to 23 CCR 3855(b) and the application specifically

identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

- 3) The validity of any nondenial certification action (actions 1 and 2) shall be conditioned upon total payment of the full fee required under 23 CCR 3833, unless otherwise stated in writing by the certifying agency.

Additional Conditions:

Pursuant to 23 CCR 3859(a), the applicant shall comply with the following additional conditions:

- 1) The applicant shall notify the Regional Water Board at least five working days (working days are Monday – Friday) prior to the commencement of the project, with details regarding the schedule of operations, to allow staff the opportunity to be present on-site and to answer any public inquiries that may arise regarding the project.
- 2) No debris, soil, silt, sand, bark, slash, sawdust, rubbish, cement or concrete washings, oil or petroleum products, or other organic or earthen material from any construction or associated activity of whatever nature, other than that authorized by this permit, shall be allowed to enter into or be placed where it may be washed by rainfall into waters of the State. When operations are completed, any excess material or debris shall be removed from the work area. No rubbish shall be deposited within 150 feet of the high water mark of any stream.
- 3) Fueling, lubrication, maintenance, operation, and storage of vehicles and equipment shall not result in a discharge or a threatened discharge to waters of the United States. At no time shall the applicant use any vehicle or equipment, which leaks any substance that may impact water quality. Staging and storage areas for vehicles and equipment shall be located outside of waters of the United States.
- 4) Project activities shall comply with provisions in the North Coast Region Water Quality Control Plan (Basin Plan).
- 5) Adequate Best Management Practices for sediment and turbidity control shall be implemented and in place prior to and during construction.
- 6) Regional Water Board staff may visit and assess the project site in order to document compliance with this certification.
- 7) A copy of this permit must be provided to the Contractor and all subcontractors conducting the work, and must be in their possession at the work site.

- 8) The riparian habitat restoration area shall be monitored for a minimum of three years to assure that vegetation replacement was successful and watering is sufficient for plant survival. A copy of the final riparian habitat restoration monitoring report shall be submitted to the Regional Water Board upon submittal of the report to the U.S. Army Corps of Engineers.
- 9) If, at any time, an unauthorized discharge to surface waters occurs, or any water quality problem arises, the project shall cease immediately and the Regional Water Board shall be notified promptly.
- 10) This Order is not transferable. In the event of any change in control of ownership of land presently owned or controlled by the applicant, the applicant shall notify the successor-in-interest of the existence of this Order by letter and shall forward a copy of the letter to the Regional Water Board at the above address.

To discharge dredged or fill material under this Order, the successor-in-interest must send to the Regional Water Board Executive Officer a written request for transfer of the Order. The request must contain the requesting entity's full legal name, the state of incorporation if a corporation, address, and telephone number of the person(s) responsible for contact with the Regional Water Board. The request must also describe any changes to the Project proposed by the successor-in-interest or confirm that the successor-in-interest intends to implement the Project as described in this Order.

Water Quality Certification: I hereby issue an order [23 CCR Subsection 3831(e)] certifying that any authorized discharge from the Shackleford Creek Bridge Replacement Project (Facility No. 1A05023WNSI) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act [33 USC Subsection 1341 (a)(1)], and with other applicable requirements of State law. This discharge is also regulated under State Water Resources Control Board Order No. 2003 - 0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State Water Quality Certification" which requires compliance with all conditions of this Water Quality Certification.

Except as may be modified by any preceding conditions, all certification actions are contingent on: a) the discharge being

limited and all proposed mitigation being completed in strict compliance with the applicant's project description, and b) compliance with all applicable requirements of the Regional Water Board's Water Quality Control Plan for the North Coast Region (Basin Plan).

Expiration: The authorization of this certification for any dredge and fill activities expires on October 15, 2006. Conditions and monitoring requirements outlined in this certification are not subject to the expiration date outlined above, and remain in full effect and are enforceable.

Please notify Dean Prat of our staff at (707) 576-2801 prior to construction (pursuant to Additional Condition No. 1 above) so that we can answer any public inquiries about the work.

Sincerely,

Catherine E. Kuhlman
Executive Officer

CEW:clh/071305_CEW_shackleford401cert

Enclosure: State Water Resources Control Board Order No. 2003-0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State Water Quality Certification"

cc: Ms. Jane Hicks, U.S. Army Corps of Engineers, Regulatory Functions, 333 Market Street,
San Francisco, CA 94599
U.S. Army Corps of Engineers, District Engineer, P.O. Box 4863, Eureka, CA 95502